

DECLARATION AND POWER OF ATTORNEY

(Case No. 15066US01)

As the below-named inventors, we hereby declare that:
our residence, post office address, and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is
claimed and for which a patent is sought on the invention entitled

**SIGNAL PROCESSING USING NON-LINEAR REGRESSION
WITH A SINUSOIDAL MODEL**

the specification of which is attached hereto.

We hereby state that we have reviewed and understand the contents of the above-
identified specification, including the claims.

We acknowledge the duty to disclose information which is material to the examination of
this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

And we hereby appoint:

PTO REGISTRATION NUMBERS

ATTORNEYS:

George P. McAndrews	Reg. No. 22,760
John J. Held	Reg. No. 21,061
Timothy J. Malloy	Reg. No. 25,600
William M. Wesley	Reg. No. 26,521
Lawrence M. Jarvis	Reg. No. 27,341
Gregory J. Vogler	Reg. No. 31,313
Jean Dudek Kuelper	Reg. No. 30,171
Herbert D. Hart III	Reg. No. 30,063
Robert W. Fieseler	Reg. No. 31,826
Thomas J. Wimbiscus	Reg. No. 36,059
Steven J. Hampton	Reg. No. 33,707
Priscilla F. Gallagher	Reg. No. 32,223
Stephen F. Sherry	Reg. No. 30,590
Patrick J. Arnold Jr.	Reg. No. 37,769
George Wheeler	Reg. No. 28,766
Janet M. McNicholas	Reg. No. 32,918
Ronald E. Larson	Reg. No. 24,478
Christopher C. Winslade	Reg. No. 36,308
Edward A. Mas II	Reg. No. 37,179
Gregory C. Schodde	Reg. No. 36,668
Edward W. Remus	Reg. No. 25,703
Donald J. Pochopien	Reg. No. 32,167
Sharon A. Hwang	Reg. No. 39,717

ATTORNEYS:

David D. Headrick	Reg. No. 40,642
Alejandro Menchaca	Reg. No. 34,389
Kirk A. Vander Leest	Reg. No. 34,036
Richard T. McCaulley, Jr.	Reg. No. 41,977
Peter J. McAndrews	Reg. No. 38,547
Leland G. Hansen	Reg. No. 50,731
James M. Hafertepe	Reg. No. 51,219
Jonathan R. Sick	Reg. No. 43,920
Eligio C. Pimentel	Reg. No. 42,076
James P. Murphy	Reg. No. 40,741
Dean A. Pelletier	Reg. No. 45,007
Michael B. Harlin	Reg. No. 43,658
James R. Nuttall	Reg. No. 44,978
Robert A. Surette	Reg. No. 52,262
Timothy L. Harney	Reg. No. 38,174
Joseph M. Barich	Reg. No. 42,291
Scott P. McBride	Reg. No. 42,853
Patricia J. McGrath	Reg. No. 44,919
Wilhelm L. Rao	Reg. No. 52,151
Sandra A. Frantzen	Reg. No. 48,799
Ronald H. Spuhler	Reg. No. 52,245
Christopher V. Carani	Reg. No. 44,049
Jennifer E. Lacroix	Reg. No. 46,852
Joseph F. Harding	Reg. No. 48,450
Joseph M. Butscher	Reg. No. 48,326
Troy A. Groetken	Reg. No. 46,442
Sara J. Bartos	Reg. No. 51,439
John A. Wiberg	Reg. No. 44,401
John Abramic	Reg. No. 51,031
David Z. Petty	Reg. No. 52,119
Mirut P. Dalal	Reg. No. 44,052
Christopher N. George	Reg. No. 51,728
Deborah A. Laughton	Reg. No. P-54,253
Dennis P. Hackett	Reg. No. 52,482
David R. Beto	Reg. No. 51,467
Shawn L. Peterson	Reg. No. 44, 286
Christopher R. Carroll	Reg. No. 52,700
Peter J. Prommer	Reg. No. 54,743
Merle S. Elliott	Reg. No. 52,857
Patent Agents	
Kevin E. Borg	Reg. No. 51,486
Christopher Scharff	Reg. No. 53,556
Fredrick French III	Reg. No. 52,524

the address and telephone number of each of whom is McAndrews, Held & Malloy, Ltd., 500 West Madison Street, 34th Floor, Chicago, Illinois 60661, 312-775-8000, as our attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor Paul A. Edney

Inventor's signature _____ Date _____

Resident Address 1630 Chicago Avenue

Evanston, IL 60201

Citizenship USA

Post Office Address Same

Full name of second inventor Joseph T. Walsh, Jr.

Inventor's signature _____ Date _____

Resident Address 1310 Washington Street

Evanston, IL 60202

Citizenship USA

Post Office Address Same